

ABSTRACT

A spray nozzle mounts to an extension pole end in a swivel joint. A swivel nozzle base connects to the pole and a manifold swivelly couples the base to a swivel nozzle head such that pressurized fluid passing through the pole passes into the base, through the manifold, into the head and then out of an orifice in the head through a spray tip attached to the head at the orifice. All fluid seals, O-rings, are also protected within the base. To effect head rotation and to hold the head in a preferred orientation relative to the base, a lever is attached to the head to the manifold firmly attached to the head. To move the lever on the distal end of an extension pole, it is connected to a rod that runs between the lever and an actuator on the pole. Typically, the actuator comprises a grip around the pole that slides along the pole when exercised by an operator. A spray gun is normally attached to the pole proximal end with a trigger that regulates high-pressure fluid into the pole.